



Gulf of Mexico Harmful Algal Bloom Bulletin

Region: Texas

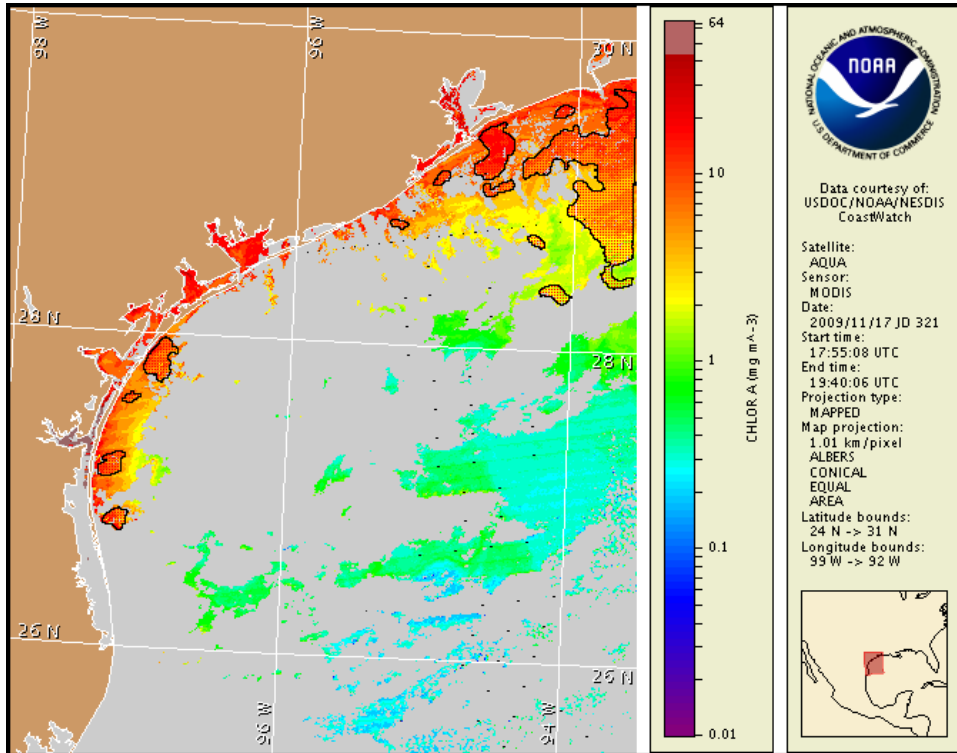
19 November 2009

NOAA Ocean Service

NOAA Satellites and Information Service

NOAA National Weather Service

Last bulletin: November 17, 2009



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from November 9 to 17 shown as red (high), orange (medium), yellow (low b), brown (low a), blue (very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide:

http://tidesandcurrents.noaa.gov/hab/habfs_bulletin_guide.pdf

Please note the following restrictions on all SeaWiFS imagery derived from CoastWatch.

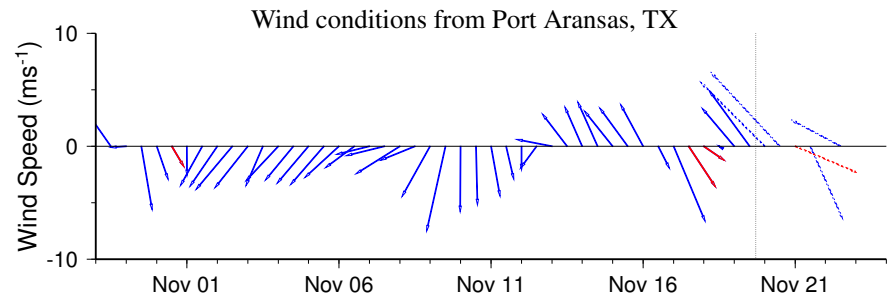
1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.

Conditions Report

A harmful algal bloom continues from Corpus Christi Bay to South Padre Island. Impacts have been reported near South Padre Island and Boca Chica.

Analysis

Recent Imagery has been cloudy. The high chlorophyll feature in the northern part of Texas is likely part of the Mississippi River plume. There has been a reported fish kill in inner Corpus Christi Harbor attributed to *K. brevis*. Cell counts were elevated along South Padre Island, although no aerosol complaints were reported. Onshore winds are possible today and tomorrow and may cause minor impacts along the beaches. -Wynne, Lopez

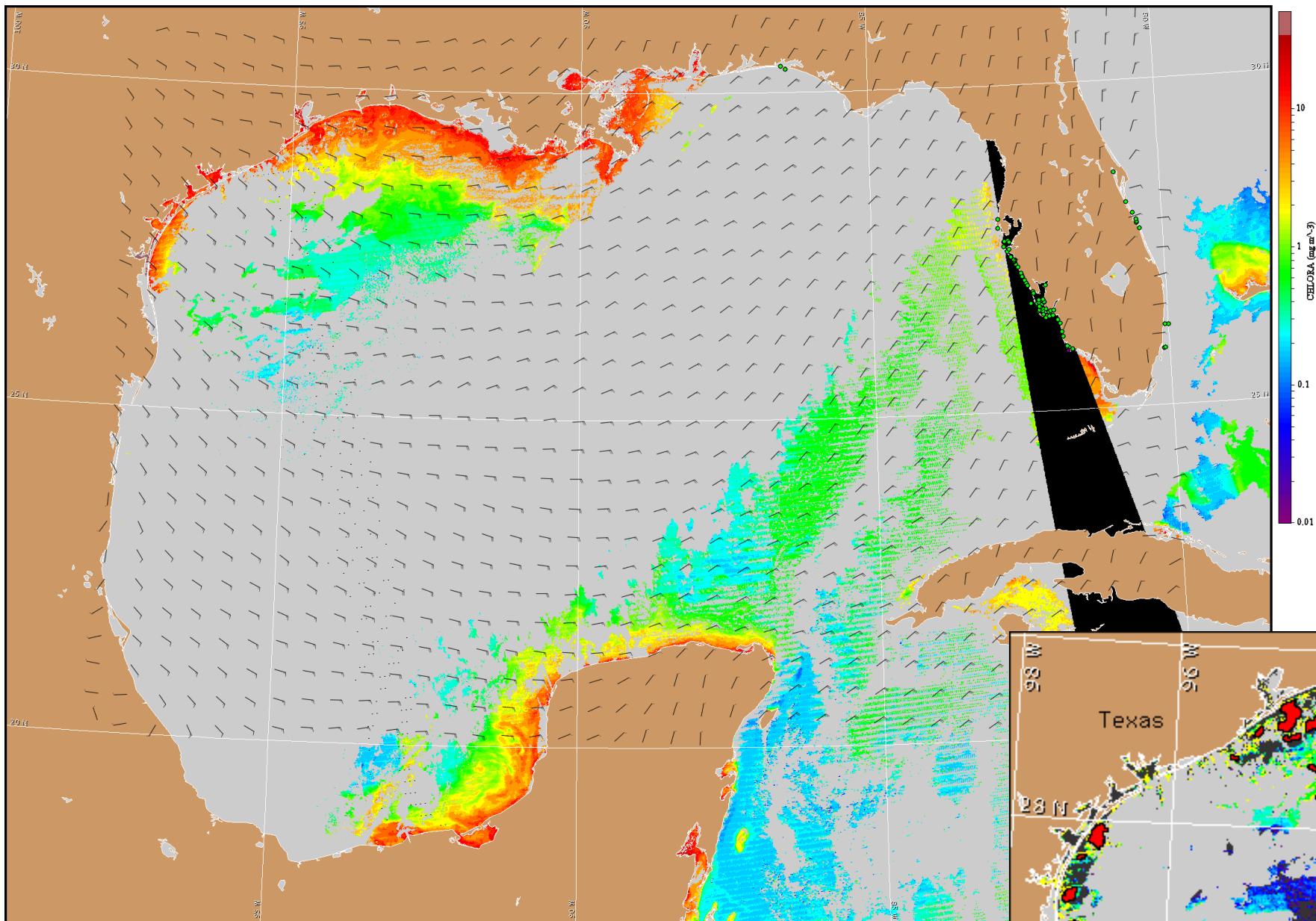


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts. Wind observation and forecast data provided by NOAA's National Weather Service (NWS).

Wind Analysis

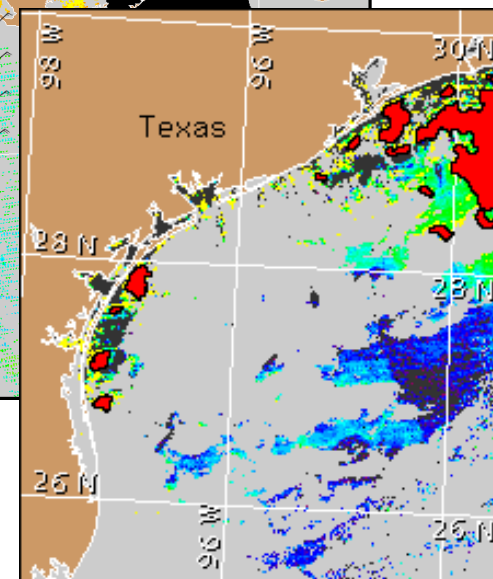
SE winds today at 10-20 knots. Friday E winds at 20 knots. Saturday N withs at 15-20 knots. Sunday NE winds at 5-10 knots. Monday SE winds at 5-10 knots.

To see previous bulletins and forecasts for other Harmful Algal Bloom Bulletin regions, visit the NOAA CoastWatch bulletin archive: http://coastwatch.noaa.gov/hab/bulletins_ns.htm



Satellite chlorophyll image and forecast winds for November 20, 2009 12Z with Cell concentration sampling data from November 9 to 17 shown as red (high), orange (medium), yellow (low b), brown (low a), blue(very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide:

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Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).